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L1	2	(face same (pose or orientation or profile) same (pyramid\$4 or (coarse near3 fine) or (top near3 bottom)) same training).clm.	US-PGPUB; USPAT	OR	ON	2006/01/19 14:25
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L3	46	zhang near hongjiang	US-PGPUB; USPAT	OR	ON	2006/01/19 14:02
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L5	3	(zhang near zhenqiu)	US-PGPUB; USPAT	OR	ON	2006/01/19 14:03

L6	197	("5850470" "4368389" "4401890" "4591717" "4775888" "4861131" "4862388" "5353054" "5471061" "5729020" "5839000" "5873003" "6115651" "6442465" "6829384" "5712622" "5381139" "5777333" "5844599" "4420688" "4440022" "4468658" "4507972" "4527158" H000590 "4842247" "4940937" "5247233" "5435113" "5448356" "5570015" "5587790" "5619144" "5748357" "5818337" "5923011" "6175652" "5710833" "5442453" "5504520" "5642431" "5805211" "6133928" "6226448" "6226448" "4253743" "4256965" "4621329" "4787238" "5008547").pn. ("5274460" "5392113" "5541655" "5616914" "5764266" "5781288" "5864721" "5870635" RE36237 "5956122" "6057952" "6148092" "6172789" "6184926" "6239884" "6246437" "6275258" "6304288" "6690814" "4764015" "4870632" "5526082" "6072565" "6215965" "6215965" "4975960" "5275489" "5512760" "5793720" "5828724" "6058160" "6147353" "3626091" "4153834" "4276854" "4303860" "4345155" "4375919" "4383727" "4386835" "4402607" "4407563" "4419763" "4428653" "4432596" "4483536" "4492982" "4513204" "4527875" "4532425").pn. ("4564753" "4566041" "4574316" "4591841" "4610533" "4615496" "4617465" "4621257" "4769805" "4797106" "4799094" "4803564" "4810872" "4811245" "4864134" "4889984" "4900910" "4908844" "4912736" "4924297" "4963906" "4988201" "5245863" "5247168" "5296708" "5319216" "5347122" "5394741" "5399866" "5508513" "5516409" "5517019" "5532490" "5565684" "5585735" "5594253" "5594251" "5621424" "5642926" "5659404" "5659871" "5667656" "5707548" "5724135" "5730850" "5742302" "5750991" "5764379" "5790687" "5797053").pn. ("5808729" "5812240" "5838009" "5861940" "5867318" "5878156" "5883935" "5886821" "5887125" "5907759" "5929446" "5928149" "5929891" "5942762" "5941827" "5949811" "5963343" "5964998" "5969358" "5973327" "5977536" "5978102" "6020984" "6020589" "6025572" "6040580" "6041146" "6050667" "6052189" "6094472"	US-PGPUB; USPAT	OR	ON	2006/01/19 14:26
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S23	6732	face near (detect\$4 or recogni\$5 or identif\$5)	US-PGPUB; USPAT	OR	ON	2006/01/19 10:25
S24	3037	(pose or orientation or profile) and S23	US-PGPUB; USPAT	OR	ON	2006/01/19 10:33
S25	830	(pyramid\$4 or (coarse near3 fine) or (top near3 bottom)) and S24	US-PGPUB; USPAT	OR	ON	2006/01/19 10:39
S26	244	S25 and training	US-PGPUB; USPAT	OR	ON	2006/01/19 10:39
S27	215	S26 and class\$6	US-PGPUB; USPAT	OR	ON	2006/01/19 10:57
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IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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... the presence of edges, bars, and other simple image structure, are quite **coarse**. ...

For the task of **face detection**, the initial rectangle features selected by ...

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... layered representation of a **face**, where a **coarse** (low-resolution) ... the potential utility of eigenfeatures for **face** recognition. 4.1 **Detection** of facial features ...

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Page 1 **FACE DETECTION USING COARSE-TO-FINE SUPPORT VECTOR CLASSIFIERS** 0-7803-7622-6/02/\$17.00 ©2002 IEEE III- 925 IEEE ICIP 2002 Hichem Sahbi Imedia Research ...

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CC Han, HYM Liao, GJ Yu, LH Chen - Pattern Recognition, 2000 - chu.edu.tw

... Eye-analogue **Detection** Algorithm: ... Basically, this step can filter out part of the non-**face** regions and we thus ... procedure, from **coarse** to **fine**, will be described ...

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... Abstract In this paper, we present a detector-pyramid architecture for real-time multi-view **face detection**. Using a **coarse** to **fine** strategy, the full view is ...

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From **Coarse** to **Fine** Skin and **Face Detection** ... ABSTRACT A method for **fine** skin and **face detection** is described that starts from a **coarse** color segmentation. ...

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Characterization and **detection** of noise in clustering.RN Dave - Pattern Recognition Letters, 1991 - [portal.acm.org](#)... Hichem Sahbi , Nozha Boujemaa, From **coarse** to **fine** skin and **face detection**, Proceedings of the eighth ACM international conference on Multimedia, p.432-434 ...Cited by 102 - [Web Search](#) - [portal.acm.org](#) - [csa.com](#)**Face** authentication with Gabor information on deformable graphsB Duc, S Fischer, J Bigun - IEEE Transactions on Image Processing, 1999 - [ieeexplore.ieee.org](#)... This assumption is satisfied when a prior **face detection** algorithm that extracts ... the output of such a segmentation, therefore a **coarse-to-fine** strategy has ...Cited by 86 - [Web Search](#) - [hh.se](#) - [ieeexplore.ieee.org](#) - [csa.com](#)

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